AMENDMENTS TO THE CLAIMS

A complete listing of all claims and their current status is presented below. Please amend Claims 1 and 40 and cancel Claims 9, 17, 43, 49, 53–54, and 57–58. In the changes made to the following claims, [[deletions are double bracketed]] or ~~shown with strike-through~~, and additions are underlined.

Listing of Claims:

1. (**Currently Amended**) A stent for insertion into a bodily vessel for treatment of an aneurysm or ischemic diseases,

wherein the stent is made from a platinum:rhodium:ruthenium alloy comprising a composition of about 75-80% of platinum, 12-18% of rhodium and 5-10% of ruthenium;

wherein the stent comprises a generally tubular structure having an exterior surface defined by a plurality of interconnected struts having a plurality of interstitial spaces therebetween, the stent having a sidewall thickness between about 0.0012 inches and 0.0028 inches;

wherein the plurality of interstitial spaces have been cut from a sheet of metal forming the stent;

wherein the stent is sized to be positioned entirely within an intracranial vessel; and

wherein the stent comprises ~~is~~ a self-expandable~~, with a~~ latticework of struts, the struts (i) each having a thickness and width of less than 0.0028 inches, (ii) providing even wall coverage along the length of the stent, and (iii) providing a stent surface to length ratio from 1.1–1.3 mm^2/mm, ~~and a configuration~~ such that the stent expands with a force equal to or less than 4 atm and has a flexibility such that deflection of 1 mm from a neutral line occurs with less than 8 grams of force.

2. (**Previously Presented**) The stent according to claim 1, wherein said generally tubular structure is expandable from a first position to a second position, wherein said tubular structure expands radially outwardly to the second position such that the exterior surface of said structure engages with the inner surface of the bodily vessel so as to maintain a fluid pathway through said bodily vessel.

3. (**Canceled**)

4-8. (**Canceled**)

9. (**Canceled**)

10. (**Previously Presented**) The stent according to claim 1, wherein the surface of the stent is modified by passive coatings.

11. (**Previously Presented**) The stent according to claim 10, wherein the coating comprises iridium oxide or titanium nitrate.

12. (**Original**) The stent according to claim 10, wherein the stent is coated with an external layer containing a pharmaceutically effective amount of therapeutic substances.

13. (**Original**) The stent according to claim 1, further comprising markers to enhance visibility and radiopacity of the device.

14. (**Original**) The stent according to claim 13, wherein the markers include end markers or center markers.

15-16. (**Canceled**)

17. (**Canceled**)

18. (**Original**) A delivery system for inserting a stent according to claim 1, within a bodily vessel, wherein the stent is self-expandable, the delivery system comprising a delivery catheter and the stent, wherein the stent is mounted onto a distal portion of the delivery catheter.

19-39. (**Canceled**)

40. (**Currently Amended**) A stent for insertion into a bodily vessel for treatment of an aneurysm or ischemic diseases,

wherein the stent is made from a platinum:rhodium alloy comprising a composition of about 65-75% of platinum and 25-35% of rhodium;

wherein the stent comprises a generally tubular structure having an exterior surface defined by a plurality of interconnected struts having a plurality of interstitial spaces therebetween, the stent having a sidewall thickness between about 0.0012 inches and 0.0028 inches;

wherein the plurality of interstitial spaces have been cut from a sheet of metal forming the stent;

wherein the stent is sized to be positioned entirely within an intracranial vessel; and

wherein the stent comprises ~~is~~ a self-expandable~~, with a~~ latticework of struts, the struts (i) each having a thickness and width of less than 0.0028 inches, (ii) providing even wall coverage along the stent, and (iii) providing a stent surface to length ratio from 1.1–1.3 mm^2/mm, ~~and a configuration~~ such that the stent expands with a force equal to or less than 4 atm and has a flexibility such that deflection of 1 mm from a neutral line occurs with less than 8 grams of force.

41. (**Previously Presented**) The stent according to claim 40, wherein said generally tubular structure is expandable from a first position to a second position, wherein said tubular structure expands radially outwardly to the second position such that the exterior surface of said structure engages with the inner surface of the bodily vessel so as to maintain a fluid pathway through said bodily vessel.

42. (**Canceled**)

43. (**Canceled**)

44. (**Previously Presented**) The stent according to claim 40, wherein the surface of the stent is modified by passive coatings.

45. (**Previously Presented**) The stent according to claim 44, wherein the coating comprises iridium oxide or titanium nitrate.

46. (**Previously Presented**) The stent according to claim 44, wherein the stent is coated with an external layer containing a pharmaceutically effective amount of therapeutic substances.

47. (**Previously Presented**) The stent according to claim 40, further comprising markers to enhance visibility and radiopacity of the device.

48. (**Previously Presented**) The stent according to claim 47, wherein the markers include end markers or center markers.

49. (**Canceled**)

50. (**Previously Presented**) A delivery system for inserting a stent according to claim 40, within a bodily vessel, wherein the stent is self-expandable, the delivery system comprising a delivery catheter and the stent, wherein the stent is mounted onto a distal portion of the delivery catheter.

51. (**Previously Presented**) A stent according to claim 1, wherein the stent comprises a material ratio in the range of about 12% to about 16%.

52. (**Previously Presented**) A stent according to claim 1, wherein the stent has a profile of about 0.020 inches in compressed delivery mode.

53. (**Canceled**)

54. (**Canceled**)

55. (**Previously Presented**) A stent according to claim 40, wherein the stent comprises a material ratio in the range of about 12% to about 16%.

56. (**Previously Presented**) A stent according to claim 40, wherein the stent has a profile of about 0.020 inches in compressed delivery mode.

57. (**Canceled**)

58. (**Canceled**)